

Amendments to the Specification:

Please amend the paragraph bridging pages 2 and 3, beginning on page 2, at line 19, as follows:

Visual representation of other users is a standard way of monitoring other's activity. U.S. Patent No. 5,793,365 to Tang et al. for "System and Method Providing a Computer User Interface Enabling Access to Distributed Workgroup Members" discloses a system that uses a user interface to display visual representations of selected other users in the workgroup. The visual representations are frequently updated to indicate the activity level of these users. An encounter awareness system detects the presence of other users who are doing similar tasks. U.S. Patent No. 4,974,173 to Stefik et al. for "Small-scale Workspace Representations Indicating Activities by Other Users" proposes a computer system and method that provide networked computer users with information about which other users are task proximate to the user, thereby facilitating spontaneous communications regarding task-related, or other[,] issues. Task proximity to other users may change as the user context switches between applications, and the user interface window is updated accordingly. Task proximity is determined individually by different applications.

Please amend the paragraph on page 8, lines 5-17, as follows:

Figure 5 is a flow diagram showing the awareness network build up process. In function block 501, all the peers within the group are identified. This will define the range of the system. For purposes of illustration, assume n is the total number of peers in the system. Function block 505 represents each peer by a node. Thus, we have a total of n nodes available in the awareness network. In function block 515, the communication channels among the peers is specified. For each pair of peers i and j , we have m direct links from node i to node j , and m direct links from node j to node i . Each link represent represents a communication channel. A link from node i to node j refers to the corresponding communication

channel that used to deliver the signals for user i to be presented to user j . In function block 555, for each link, the total number of choices/distances that can be used is specified. This number comes from function block 455 in Figure 4.